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RAW SEQUENCE LISTING DATE: 08/06/2001 PATENT APPLICATION: US/09/909,317 TIME: 10:58:14

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\00062001\1909317.raw

|    | 4   | <110>  | APPLICANT: Betty P. Tsao (Inventor)               |            |     |
|----|-----|--------|---|------------|-----|
|    | 5   |        |   | ENTE       |     |
|    | 6   |        | Jerome I. Rotter (Inventor)                       | LIVIE      |     |
|    | 9   | <120>  | TITLE OF INVENTION: Genetic Marker Test for Lupa  | ıs         |     |
|    | 12  | <130>  | FILE REFERENCE: 18810-82152                       | •          |     |
| C> | 14  | <140>  | CURRENT APPLICATION NUMBER: US/09/909,317         |            |     |
|    | 15  | <1.41> | CURRENT FILING DATE: 2001-07-18                   |            |     |
|    | 17  | <150>  | PRIOR APPLICATION NUMBER: 09/280,181              |            |     |
|    | 18  | <151>  | PRIOR FILING DATE: 1999-03-29                     |            |     |
|    | 20  | <160>  | NUMBER OF SEQ ID NOS: 7                           |            |     |
|    | 22  | <170>  | SOFTWARE: FastSEQ for Windows Version 4.0         |            |     |
|    | 24  | <210>  | SEQ ID NO: 1                                      |            |     |
|    | 25  | <211>  | LENGTH: 22  |            |     |
|    | 26  | <212>  | TYPE: DNA   |            |     |
|    | 27  | <213>  | ORGANISM: Homo sapiens                            |            |     |
|    | 29  | <400>  | SEQUENCE: 1                                       |            |     |
|    | 30  | gattco | eccat ctctcttct tt                                |            | 22  |
|    | 32  | <210>  | SEQ ID NO: 2                                      |            |     |
|    |     |        | LENGTH: 20  |            |     |
|    |     |        | TYPE: DNA   |            |     |
|    |     |        | ORGANISM: Homo sapiens                            |            |     |
|    |     |        | SEQUENCE: 2                                       |            |     |
|    |     |        | gtggt aatgactgca                                  | •          | 20  |
|    |     |        | SEQ ID NO: 3                                      |            |     |
|    |     |        | LENGTH: 24  |            |     |
|    |     |        | TYPE: DNA   |            |     |
|    |     |        | ORGANISM: Homo sapiens                            |            |     |
|    |     |        | SEQUENCE: 3                                       |            | 24  |
|    |     |        | acaag ttccagcttc cctt                             |            | 24  |
|    |     |        | SEQ ID NO: 4                                      |            |     |
|    |     |        | LENGTH: 24  |            |     |
|    |     |        | TYPE: DNA   |            |     |
|    |     |        | ORGANISM: Homo sapiens                            |            |     |
|    |     |        | SEQUENCE: 4                                       |            | 24  |
|    |     |        | cetet gtttetttet gace<br>SEQ ID NO: 5             |            | 24  |
|    |     |        | LENGTH: 2085                                      |            |     |
|    |     |        | TYPE: DNA   |            |     |
|    |     |        | ORGANISM: Homo sapiens                            |            |     |
|    |     |        | SEQUENCE: 5                                       |            |     |
|    |     |        | ggatg atatagttgt caacccagag atggcatgat catgcctttt | gacttggtca | 60  |
|    |     |        | caagt aaaactttta tttgttccat catattttcc acttattctg |            |     |
|    | 61  | aaatat | cettt tittitttt titgagacag ggicacacig icacccaggo  | tagagtccag | 180 |
|    | 65  | taacac | ctate atggeteace acageeteaa cetteaggge teaggtgate | ctcccacttc | 240 |
|    |     |        | cocga gtagatggga ctacaggcac ctgccaccac coccagctae |            |     |
|    |     |        | gettt tgccatgttg tecaggetgg tettgaacte etgggeteaa |            |     |
|    | 68  | caccto | cagec teceaaagtg etaggattat aggeatgage caetgtgeed | agectacett | 420 |
|    | 0.0 |        | Jugoo coocuungey congration aggenerate odocycycoc | ,          |     |

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DATE: 08 5 /2001 TIME 10:58:14 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/909,317

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\08962001\-909317.raw

|                                  |                                  |            | ,          | (************************************** |            |              |      |  |  |  |  |  |
|----------------------------------|----------------------------------|------------|------------|---|------------|--------------|------|--|--|--|--|--|
| 69                               | caacgtatct                       | aactggttac | taactttcag | gaticggcct                              | atgtctcaca | accttcttgc   | 480  |  |  |  |  |  |
| 70                               | ttactcaaca                       | tecttatete | ttaagccact | agettettet                              | ctatggttaa | cactttttat   | 540  |  |  |  |  |  |
| 71                               | gagttttatt                       | catctgctta | tttcttat   | cctctatacc                              | agaattgaat | attttcaaat   | 600  |  |  |  |  |  |
| 72                               | aaagcacact                       | catqttac=a | tctttgaaat | ggaaaaaaaa                              | aatgcatagg | attagaaaag   | 660  |  |  |  |  |  |
| 73                               | aaaccaattt                       | taataaacta | tattttgaag | tatagttcta                              | tattaaacaa | caagatctag   | 720  |  |  |  |  |  |
| 74                               | gccaggtgca                       | gtggctcatg | cctgtaatcc | cagcaatttg                              | ggaagtcgag | gt:gaazaa=== | 7 BO |  |  |  |  |  |
| 75                               | tgctt.gaggc                      | caggggttca | agaccagcct | gggcaacatg                              | gagagaeLCC | ccatctcttt.  | 840  |  |  |  |  |  |
| 76                               | ctttacacac                       | acacacac   | acacacacaa | aatatctgat                              | agcaacaggt | gcagtcatta   | 900  |  |  |  |  |  |
| 77                               | ccacaatttc                       | gagtagtgat | gagcttaata | atatttcgag                              | ttatcaccaa | caactgtaaa   | 960  |  |  |  |  |  |
| 78                               | ctaacatgaa                       | aacgtctgtg | atgactattg | cccacaaagt                              | cacaggtact | gctaatactc   | 1020 |  |  |  |  |  |
| 79                               | ctggtatttg                       | tagtaaattc | ataataaagg | aaatgctagg                              | tttcagttgg | tattttgtcc   | 1080 |  |  |  |  |  |
|                                  |                                  |            |            |   |            | gacctagcac   |      |  |  |  |  |  |
|                                  |                                  |            |            |   |            | cgcttcccgg   |      |  |  |  |  |  |
|                                  |                                  |            |            |   |            | cgtggtagct   |      |  |  |  |  |  |
| 83                               | catgcccctg                       | atcccagcac | ttcgggaggc | tgaggcgtga                              | agatcacttg | tagcaggagt   | 1320 |  |  |  |  |  |
|                                  |                                  |            |            |   |            | ttttttaatt   |      |  |  |  |  |  |
|                                  |                                  |            |            |   |            | gggaggatcg   |      |  |  |  |  |  |
|                                  |                                  |            |            |   |            | tccagcgcgg   |      |  |  |  |  |  |
|                                  |                                  |            |            |   |            | ttgtgaaatc   |      |  |  |  |  |  |
|                                  |                                  |            |            |   |            | caaagagcta   |      |  |  |  |  |  |
| 89                               | ctagctcagc                       | ccaagccccg | cctcggcccc | cagggcagcg                              | gccgcagagc | tccacccggc   | 1680 |  |  |  |  |  |
|                                  |                                  |            |            |   |            | ccccgccccg   |      |  |  |  |  |  |
|                                  |                                  |            |            |   |            | gggaacggcg   |      |  |  |  |  |  |
| 92                               | gtggccggtg                       | cggcgtgttc | ggtgcgctct | ggccgctcag                              | ccgtggcggc | tggatgagcg   | 1860 |  |  |  |  |  |
| 93                               | cacgcgaggc                       | ggcgaggcgg | caagcgtgtg | tttctaggtc                              | gtggcgtcgg | gcttccggag   | 1920 |  |  |  |  |  |
|                                  |                                  |            |            |   |            | gagtcgagta   |      |  |  |  |  |  |
| 95                               | cgccaagagc                       | gggcgcgcct | cttgcaagaa | atgcagcgag                              | agcatcccca | aggactcgct   | 2040 |  |  |  |  |  |
| 96                               | ccggatggcc                       | atcatggtgc | aggtgcgggc | cgctgtgcgg                              | cgggg      |              | 2085 |  |  |  |  |  |
| 98                               | <210> SEQ I                      | D NO: 6    |            |   |            |              |      |  |  |  |  |  |
| 99 <211> LENGTH: 24              |                                  |            |            |   |            |              |      |  |  |  |  |  |
| 100 <212> TYPE: DNA              |                                  |            |            |   |            |              |      |  |  |  |  |  |
| 101 <213> ORGANISM: Homo sapiens |                                  |            |            |   |            |              |      |  |  |  |  |  |
| 103                              | 03 <400> SEQUENCE: 6             |            |            |   |            |              |      |  |  |  |  |  |
| 104                              | 4 cacacacaca cacacaca caca       |            |            |   |            |              |      |  |  |  |  |  |
| 106                              | 106 <210> SEQ ID NO: 7           |            |            |   |            |              |      |  |  |  |  |  |
| 107                              | <211> LENG                       | TH: 36     | •          |   |            |              |      |  |  |  |  |  |
| 108 <212> TYPE: DNA              |                                  |            |            |   |            |              |      |  |  |  |  |  |
| 109                              | 109 <213> ORGANISM: Homo sapiens |            |            |   |            |              |      |  |  |  |  |  |
| 111 <400> SEQUENCE: 7            |                                  |            |            |   |            |              |      |  |  |  |  |  |
|                                  |                                  |            |            |   |            |              | 26   |  |  |  |  |  |

112 cacacacaca cacacacaca cacacaca cacaca

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/909,317

08/06/2001 PAME: 10:58:15

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\0806200]

L:14 M:270 C: Current Application Number digers, Replaced Current Application Number